Index of Claims

09/774,641

Examiner

Jill A. Warden

Applicant(s)/Patent under Reexamination

TANIMOTO ET AL.

Art Unit

1743

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

N Non-Elected

Interference

A Appeal
O Objected

|          |  | _            | <b>.</b> |              |          |          | ı            |                                     | Ш.           | L        |
|----------|--|--------------|----------|--------------|----------|----------|--------------|-------------------------------------|--------------|----------|
| Cla      | Date   |              |          |              |          |          |              |                                     |              |          |
| Final    | Original   | 50<br>6<br>8 |          |              |          |          | <u> </u>     |                                     |              |          |
|          |  |              |          |              | -        | T        |              | Г                                   | <b> </b>     | П        |
|          | 1<br>2<br>3<br>4<br>5<br>6                         |              |          |              |          |          |              |                                     |              |          |
|          | 3  |              |          |              |          |          |              |                                     |              |          |
|          | 4  | _            | <u> </u> | <u> </u>     | <u> </u> | _        | ↓            | <u> </u>                            | <u> </u>     | Ш        |
|          | 5  | =            |          | <u> </u>     | L        | L        | ļ            | ļ                                   | <u> </u>     | Ш        |
|          | 6  | _            | <u> </u> | _            |          | _        | -            |                                     |              |          |
| <u> </u> |  | =            | -        |              | $\vdash$ |          | $\vdash$     | ├—                                  | ⊢            | Н        |
|          | 8  | =            | ├        | <del> </del> | -        |          | ⊢            | ├                                   | ├─           | Н        |
|          | 10   | -            | -        | -            | $\vdash$ |          | <del> </del> |                                     | H            | H        |
|          | 11   | =            |          | $\vdash$     | _        |          |              |                                     |              |          |
|          | 12   | =            |          |              |          |          |              |                                     |              | П        |
|          | 12<br>13<br>14                                     | =            |          |              |          |          |              |                                     | L            |          |
|          | 14   |              |          |              |          |          |              |                                     |              |          |
|          | 15<br>16   | L            |          |              |          |          |              |                                     |              | Ш        |
|          | 16   | _            |          | <u> </u>     | _        | <u> </u> |              | _                                   | _            | Ц        |
|          | 17   |              |          | _            | <u> </u> | <u> </u> | <u> </u>     | _                                   | _            | Ш        |
|          | 18   | _            |          | <u> </u>     | ⊢        | ┝        | ├            | <u> </u>                            | -            | H        |
|          | 20   | =            | <u> </u> | -            | -        |          | ⊢            | _                                   | <del> </del> | Н        |
|          | 21   | Ŧ            | $\vdash$ | -            | $\vdash$ | ├        | $\vdash$     | $\vdash$                            | -            | Н        |
|          | 22   | ╢╴           | ┢        |              | ┞        |          | $\vdash$     | -                                   | ┢            | $\vdash$ |
|          | 18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26 | 1            |          |              |          | $\vdash$ |              |                                     | ┢            | Н        |
|          | 24   | 1            |          |              |          |          |              | _                                   | 1            | П        |
|          | 25   | =            |          |              |          |          |              |                                     |              |          |
|          | 26   |              |          |              |          |          |              |                                     |              | Ш        |
|          | 27   | L            |          |              |          |          |              |                                     | _            | Ц        |
|          | 28   | L.           |          |              |          | <u> </u> | _            | <u> </u>                            | ļ            | Щ        |
|          | 29   | _            |          |              | ┝        | ┡        | _            |                                     | _            | Н        |
|          | 30<br>31   | H            |          |              |          | -        |              | _                                   | ├            | Н        |
|          | 32   |              | -        | -            |          | -        | $\vdash$     | $\vdash$                            | $\vdash$     | Н        |
|          | 33   |              |          |              | $\vdash$ | $\vdash$ |              | $\vdash$                            |              | Н        |
|          | 33<br>34   |              |          |              |          |          |              |                                     | <u> </u>     | П        |
|          | 35   |              |          |              |          |          |              |                                     |              |          |
|          | 36<br>37   |              |          |              |          | Ĺ        |              |                                     |              |          |
|          | 37   |              |          |              |          | _        |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L_           | Ш        |
|          | 38   | L_           |          | _            | <u> </u> | L        | _            |                                     |              | Щ        |
|          | 39   | Н            | _        |              | <u> </u> |          | _            | <u> </u>                            |              | Щ        |
|          | 40<br>41   |              | _        | _            | <u> </u> |          | H            | -                                   |              |          |
|          | 42   | $\vdash$     | -        |              | $\vdash$ |          | H            | H                                   | Н            | Н        |
|          | 43   |              |          | $\vdash$     | $\vdash$ | _        | $\vdash$     |                                     | H            | $\dashv$ |
|          | 44   | П            |          |              | П        | $\vdash$ | Г            | М                                   |              | М        |
|          | 45   |              |          |              |          |          |              |                                     |              |          |
|          | 46   |              |          |              |          |          |              |                                     |              |          |
|          | 47   |              |          |              |          |          |              |                                     |              |          |
|          | 48   | Щ            | _        | _            | Ш        | L_       | Щ            |                                     | <u> </u>     | Ш        |
|          | 49   | ļ,           |          | <u> </u>     | _        |          |              | _                                   | <u> </u>     | Щ        |
|          | 50   |              |          |              |          | L        |              |                                     |              | Ш        |

| Claim    |                            | Date     |  |  |  |              |              |          |              |          |
|----------|----------------------------|----------|--|--|--|--------------|--------------|----------|--------------|----------|
|          |                            | П        |  |  |  |              |              |          |              |          |
| <u>a</u> | Original                   |          |  |  |  |              |              |          |              |          |
| Final    | Ē                          | l        |  |  |  |              |              |          |              |          |
| -        | 0                          |          |  |  |  |              |              |          |              |          |
|          | 51                         | ┢        | ┢  | -  | -  | ┢            | ⊢            | H        |              | $\vdash$ |
|          | 51<br>52                   | ⊢        | -  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | ⊢        | ├-           | $\vdash$ |
| -        | 53                         | ⊢        | H  | ├-   | -  | $\vdash$     | -            | ⊢        | H            | <u> </u> |
|          | 53                         |          | -  | <u> </u>   | <u> </u>   | <u> </u>     | <del> </del> | ⊢        | ┝            | $\vdash$ |
|          | 54<br>55                   | <u> </u> | ┡  | <u> </u>   | _  | ┞            | ├-           | -        | -            |          |
|          | 55                         | <u> </u> | <u> </u>   | <u> </u>   | L  | <u> </u>     | _            |          | <u> </u>     | _        |
|          | 56                         | <u> </u> | _  | L  | <u> </u>   | ⊢            | <u> </u>     | _        | <u> </u>     | $\vdash$ |
|          | 57                         | _        | _  |  | <u> </u>   | ┞            | <u> </u>     |          | <u> </u>     |          |
| L        | 58                         |          | _  | _  | <u>_</u>   | <u> </u>     | _            |          | <u> </u>     | _        |
|          | 59                         |          | _  | _  | <u> </u>   | <u> </u>     |              |          | <u> </u>     | Щ        |
|          | 60<br>61                   |          |  | <u> </u>   | <u> </u>   | _            | _            |          | Ŀ            | Ш        |
|          | 61                         |          | _  | _  |  | lacksquare   | ╙            |          |              |          |
| <u></u>  | 62                         | _        |  |  | $ldsymbol{ld}}}}}}$ | _            | <u> </u>     | <u> </u> | $oxed{oxed}$ |          |
|          | 63                         |          |  | _  | <u>L</u>   | <u> </u>     |              |          | <u></u>      | Ш        |
|          | 64                         | L        |  |  |  |              |              |          | _            |          |
|          | 65                         | L        | Ĺ  |  |  | $\Box$       |              |          |              |          |
|          | 64<br>65<br>66             | Ĺ        |  |  | L  | L            |              | L        |              |          |
|          | 67                         |          |  |  |  |              |              |          |              |          |
|          | 68                         |          |  | İ  |  |              |              |          |              |          |
|          | 69                         |          |  |  |  |              |              |          |              | ÌТ       |
|          | 70                         |          |  |  |  |              |              |          |              |          |
|          | 71                         |          |  |  |  |              |              |          | Г            |          |
|          | 72                         |          |  |  |  |              |              |          | Г            | П        |
|          | 73                         | _        | <del>                                     </del> | $\vdash$   |  |              |              |          | $\vdash$     |          |
|          | 71<br>72<br>73<br>74<br>75 | $\vdash$ |  | <del>                                     </del> | <del>                                     </del>   | <b></b>      |              |          | $\vdash$     |          |
| <b></b>  | 75                         | $\vdash$ |  | -  | <u> </u>   | H            |              | $\vdash$ | <u> </u>     | П        |
|          | 76                         | _        |  | <del>                                     </del> |  |              |              |          | _            | Н        |
|          | 77                         | _        |  |  | $\vdash$   |              | _            | $\vdash$ | $\vdash$     | Н        |
| <b>—</b> | 78                         | $\vdash$ |  |  | ┢  | Η-           | $\vdash$     | _        | -            | Н        |
|          | 78<br>79                   | $\vdash$ | _  | _  | -  | -            | -            | $\vdash$ |              | Н        |
| -        | 80                         |          |  | _  | <del>                                     </del>   | $\vdash$     | _            | -        | -            | Н        |
|          | 81                         |          | _  | ┝  | <del> </del>   | -            | -            | $\vdash$ | $\vdash$     | Н        |
| <u> </u> | 92                         | -        |  | $\vdash$   | $\vdash$   | $\vdash$     | -            | -        | $\vdash$     | Н        |
| -        | 82<br>83                   | <u> </u> | _  | ⊢  | H  | ┝            |              |          | ⊢            | Н        |
|          | 84                         | H        | -  | -  | <del> </del>   | -            |              | -        | $\vdash$     | Н        |
| -        | 85                         | $\vdash$ | $\vdash$   | ⊢-   | ├-   | <u> </u>     | <del> </del> | H        | _            | Н        |
| $\vdash$ | 00                         | $\vdash$ | ├-   | <u> </u>   | ├  | <del> </del> | ├            | <u> </u> | -            | Н        |
| $\vdash$ | 86                         | $\vdash$ | <u> </u>   | $\vdash$   | <u> </u>   | <del> </del> | <u> </u>     | <u> </u> | <u> </u>     | Н        |
|          | 87                         | $\vdash$ | $\vdash$   | <u> </u>   | H  | $\vdash$     | $\vdash$     | $\vdash$ | <b> </b>     | Н        |
|          | 88                         | <u> </u> |  | <u> </u>   | H  | <u> </u>     | Ь.           | <b> </b> | <u> </u>     | $\vdash$ |
| <b></b>  | 89                         | _        | <u> </u>   | <u> </u>   | <u> </u>   | H            | Н            | Н        | <u> </u>     | Н        |
| $\vdash$ | 90                         | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | <u> </u>     | $\vdash$     | $\vdash$ | <u> </u>     | Н        |
|          | 91                         | $\vdash$ | <u> </u>   | <u> </u>   | H  | $\vdash$     | $\vdash$     | <u> </u> | <u> </u>     | $\vdash$ |
| <u> </u> | 92                         | <u> </u> | <u> </u>   | L  | L  | L.,          |              | <u> </u> | <u> </u>     | Щ        |
| $\vdash$ | 93                         | <u> </u> | <u> </u>   | Ш  | Ш  | <u> </u>     | $\sqcup$     | <b> </b> | _            | Щ        |
| $\vdash$ | 94                         |          | <u> </u>   | _  | L.   | <u> </u>     | _            |          | L            | Щ        |
| $\perp$  | 95                         | L        | L_   | Ш  | L  | L_           | L            |          | L            | Щ        |
| <u> </u> | 96                         |          | L_   | L.   | L_   | L            | L            | L_       | Ш            | Ш        |
|          | 97                         |          | _  |  | L.   | ر ا          | L.           | Ш        |              | Ш        |
|          | 98                         |          |  |  |  |              |              |          |              | Ш        |
|          | 99                         |          | L  |  |  |              |              |          |              |          |
|          | 100                        |          |  |  |  |              |              |          |              |          |

| Cla      | Date                                   |          |              |          |              |              |   |          |              |          |
|----------|--|----------|--------------|----------|--------------|--------------|---|----------|--------------|----------|
| T        |  |          |              | Π        | 1            | Г            |   | Ī        | Г            | П        |
| Final    | Original                               |          |              |          |              |              |   |          |              |          |
|          | 101                                    |          |              |          |              |              |   |          |              |          |
|          | 102<br>103                             | L.       | _            |          | _            | <u> </u>     | <u> </u>  | <u> </u> | L            | Щ        |
|          | 103                                    | _        | _            |          | _            | <u> </u>     | ļ <u> </u>  | L        | ⊢            | -        |
|          | 104                                    | -        | ⊢            | ⊢        | $\vdash$     | ⊢            | -   | $\vdash$ | ⊢            | Н        |
|          | 105<br>106                             | ┝╌       | -            | ├        | ┢            | ┢┈           |   |          | ┢            |          |
| -        | 107                                    | -        | <del> </del> |          | -            |              | -   |          | $\vdash$     | H        |
|          | 108                                    |          | T            |          | T            | $\vdash$     |   |          | ╁╌           |          |
|          | 109                                    |          |              |          |              |              |   |          |              |          |
|          | 110                                    |          | <u> </u>     |          |              |              | 匚   |          | <u> </u>     |          |
|          | 111                                    | _        | ╙            | L        | _            | <u> </u>     | <u> </u>  |          | <u> </u>     |          |
|          | 112                                    | <u> </u> | ┞            | <u> </u> | L            | _            | <u> </u>  | <u> </u> | <u> </u>     | Ш        |
| $\vdash$ | 113<br>114                             | $\vdash$ | -            | -        | -            | $\vdash$     | $\vdash$  | -        | -            | Н        |
|          | 115                                    | $\vdash$ | $\vdash$     | ⊢        | ├            | ⊢            | -   | $\vdash$ | ┝            | H        |
|          | 116                                    | -        | $\vdash$     | $\vdash$ | Η-           | -            | $\vdash$  | $\vdash$ | -            | H        |
|          | 117                                    | -        |              | _        | Г            |              | Г   | Т        |              |          |
|          | 116<br>117<br>118                      |          |              |          |              |              |   |          |              |          |
|          | 119<br>120                             |          |              |          |              |              |   |          |              |          |
|          | 120                                    |          |              |          |              | L            | L   |          |              | Ш        |
|          | 121<br>122<br>123                      | <u> </u> | <u> </u>     | <u> </u> | <u> </u>     | L            | L.  | L        |              |          |
|          | 122                                    | _        | _            | -        | ┡            | ┡            | L   | ļ        | _            |          |
|          | 123                                    |          | <u> </u>     | ⊢        | ├            | ├—           | ⊢   | ┝        |              | Н        |
|          | 124                                    | $\vdash$ | _            | ┢╌       |              | $\vdash$     | ├   |          | -            | Н        |
|          | 124<br>125<br>126<br>127<br>128<br>129 |          | ┢            |          | <del> </del> | $\vdash$     |   |          |              | Н        |
|          | 127                                    | -        |              |          |              |              | $\vdash$  |          | $\vdash$     |          |
|          | 128                                    |          |              |          |              |              |   |          |              |          |
|          | 129                                    |          |              |          |              |              |   |          |              |          |
|          | 130<br>131                             |          | _            |          |              |              | _   | L_       | <u> </u>     | Ш        |
|          | 131                                    |          | ldash        | <u> </u> | <u> </u>     |              | <u> </u>  | <u> </u> | <u> </u>     | Щ        |
|          | 132                                    |          | ⊢            | ⊢        |              |              | -   | Ŀ        | _            | Н        |
| _        | 133<br>134                             | _        | ⊢            | ⊢        |              |              | $\vdash$  | <u> </u> | -            | Н        |
|          | 135                                    |          | $\vdash$     |          | $\vdash$     | -            |   | ┢        | ┢            | Н        |
|          | 135<br>136                             |          |              |          | H            | _            | ┢   |          | -            | Н        |
|          | 137                                    |          |              |          |              |              |   |          |              |          |
|          | 138<br>139                             |          |              |          |              |              |   |          |              |          |
|          | 139                                    |          | Ĺ            |          |              | $\Box$       |   |          |              |          |
|          | 140                                    |          | _            | <u> </u> | _            | $\vdash$     |   | <u> </u> | <u> </u>     | Ш        |
| $\vdash$ | 141<br>142                             |          | -            |          | <u> </u>     | _            | _   | <u> </u> | <del> </del> | $\vdash$ |
| $\vdash$ | 143                                    | _        | $\vdash$     | $\vdash$ | $\vdash$     | <del> </del> | $\vdash$  | _        |              | Н        |
|          | 144                                    | _        | $\vdash$     | $\vdash$ | <u> </u>     | <del> </del> | _   |          | ┢            | $\vdash$ |
|          | 145                                    |          | $\vdash$     | $\vdash$ | -            | $\vdash$     |   | _        | <del> </del> | $\vdash$ |
|          | 146                                    |          |              | $\vdash$ | $\vdash$     | П            |   |          | Τ            |          |
|          | 147                                    |          |              |          |              |              |   |          |              |          |
|          | 148                                    |          |              |          |              |              |   |          |              |          |
|          | 149                                    |          |              |          |              |              |   |          |              | Ш        |
|          | 150                                    |          |              |          | L            |              | $ldsymbol{le}}}}}}}$ |          |              |          |